

Specification for Wellhead and Christmas Tree Equipment

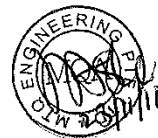
Upstream Segment

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3.1.41**equivalent round****ER**

standard for comparing various shaped sections to round bars, in determining the response to hardening characteristics when heat-treating low-alloy and martensitic corrosion-resistant steel

3.1.42**exposed bolting**

bolting that is exposed directly to the sour environment or that is buried, insulated, equipped with flange protectors, or otherwise denied direct atmospheric exposure

3.1.43**fabrication weld**

weld joining two or more parts

3.1.44**fit**

geometric relationship between parts

3.1.45**flange**

protruding rim with holes to accept bolts and having a sealing mechanism used to join pressure-containing equipment, with dimensions specified in this International Standard

3.1.46**forge, verb**

deform metal plastically into desired shapes with compressive force

NOTE Forging is usually a hot process. The use of dies is optional.

3.1.47**forging, noun**

shaped metal part formed by the forging method

3.1.48**form**

essential shape of a product including all its component parts

3.1.49**full-bore valve**

valve whose closure mechanism has a bore dimension the same as or larger than the valve body

3.1.50**function**

operation of a product during service

3.1.51**gate valve**

valve assembly with a gate operating within the body, 90° to the conduit, to effect a closure

3.1.52**hanger mandrel**

portion of a casing or tubing hanger that is attached by a threaded connection to the tubular string and forms the upper end of that tubular string

3.1.53**heat**

material originating from a final melt, or for remelted alloys, the raw material originating from a single remelted ingot